

STEAM Team: Bobble Bots

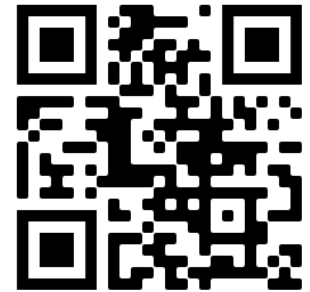
Learn how to put together a simple circuit to make your bobble bot come to life!

You can follow along with
Chris at
tinyurl.com/bobblebots



Here's what you'll need:

- 1 plastic capsule
- 1 coin cell battery
- 1 motor with red and blue wires
- A couple pieces of double-sided tape



1. First, stick a piece of double-sided tape to the inside of your plastic capsule lid. Remove the paper from the other side of the tape.
2. Then, place the exposed part of the positive **red** wire on the sticky part of the tape.
3. Find the **+** sign on your coin cell battery and put it on top of the wire you placed on the tape. (**TIP:** Test out your circuit! If you've done this correctly, your motor will vibrate when you touch the blue wire end to the top of your battery.)
4. Next, place the exposed end of your **blue** wire on top of your battery, then secure it with a piece of double-sided tape.
5. Lastly, place your motor on top of the tape. Now you can this motorized lid onto your capsule and watch it bobble around!
6. Use your creativity to make your bobble bot a unique creation by decorating and customizing it to your liking. You can also test out placing the motors in different parts of the capsule.

